

# Zolomon Kaliser

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## EDUCATION

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### Texas A&M University

Master of Engineering in Biomedical Engineering | GPA: 3.48

College Station, Texas

Aug. 2024 - May 2027

### The University of Texas at Dallas

Bachelor of Science in Finance | GPA: 3.4

Richardson, Texas

Aug. 2020 - Aug. 2024

## EXPERIENCE

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### SageSpectra

Business Development Associate

College Station, Texas

Aug. 2025 – May 2026

- Analyze medical device markets, patient needs, and competitor landscapes to guide corporate strategy.
- Assess device functionality and clinical applications to support technical development decisions.
- Construct financial models projecting revenues, COGS, and operating expenses for new medical technologies.

### Allied Professionals' Insurance Services

Finance/Accounting Intern

Frisco, Texas

Jan. 2023 – May 2023

- Reconciled bond portfolios and used advanced Excel to streamline data transfers and improve reporting accuracy.
- Analyzed large datasets to provide actionable insights for portfolio managers' investment strategies.

## RESEARCH & ACADEMIC PROJECTS

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### Post Kidney Transplant Remote Patient Monitoring

Graduate Project

College Station, Texas

Jan. 2026 – May 2026

- Evaluated remote monitoring strategies and device solutions to improve patient outcomes.
- Researched digital health tools to reduce in-person follow-up burdens for post-transplant kidney patients.

### Addiction Prevention & Recovery Device

Graduate Project

College Station, Texas

Aug. 2025 – May 2026

- Engineered solutions for continuous patient monitoring and proactive recovery engagement.
- Developed prototype design requirements based on patient feedback and clinical efficacy data.

### Biomedical Device Case Study (Surgical Instrumentation)

Guided Research

College Station, Texas

Jan. 2025 – Aug. 2025

- Conducted market research and competitive landscape analysis for a specialized surgical device.
- Evaluated device adoption drivers, financial trends, and clinical factors like sterilization impact.

### Stainless Steel PEG-Gelatin Biofilm

Biomaterials Course Project

College Station, Texas

Jan. 2026 – May 2026

- Researched biofilm formation on PEG-Gelatin coated stainless steel to enhance biocompatibility.
- Investigated coating durability to inform the design of safer, more effective implantable devices.

## SKILLS & CERTIFICATIONS

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**Technical Skills:** Medical Device Market Research, Financial Modeling, Competitive Analysis, Clinical Engineering, Market Forecasting, Microsoft Excel (VLOOKUP, Pivot Tables), Financial Projection Software.

**Certifications:** SOLIDWORKS: Simulation for Finite Element Analysis (LinkedIn Learning); Introductory Human Physiology (Duke University/Coursera).